



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete if Known

Application Number	10/613,064
Filing Date	07/07/2003
First Named Inventor	Young-chan Kweon
Art Unit	2813
Examiner Name	Schillinger, Laura
Attorney Docket Number	SEC.316REC

U. S. PATENT DOCUMENTS

Examiner Signature	<i>Harriet Schulz</i>	Date Considered	4/15/05
-----------------------	-----------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) SEC.316REC		Application Number 09/667,643		
				Applicant(s) Kwe n, Y ung-Chan				
				Filing Date 09/22/2000		Group Art Unit 2813		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>JS</i>	A	5,177,577	01/05/93	Taniguchi et al.	—	—		
	B	5,359,206	10/25/94	Yamamoto et al.	—	—		
	C	5,075,244	12/24/91	Sakai et al.	—	—		
	D	5,187,604	02/16/93	Taniguchi et al.	—	—		
	E	5,555,112	09/10/96	Oritsuki et al.	—	—		
	F	5,668,379	09/16/97	Ono et al.	—	—		
	G	454,112 4545112	10/1985	Holmberg et al.	—	—		
	H	4,651,185	03/1987	Holmberg et al.	—	—		
	I	5,851,918	12/1998	Song et al.	—	—		
<i>JS</i>	J	5,811,318	09/1998	Kweon	—	—		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<i>JS</i>	K	0 544 069 A1	06/1993	European Patent Office			✓	
	L	05-152573	06/18/1993	Japan				✓
	M	06-188419	07/1994	Japan				✓
	N	05,292,434	11/1993	Japan				✓
<i>JS</i>	O	05,267,670	11/1993	Japan				✓
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
<div style="border: 1px solid black; width: 100%; height: 100%; position: relative;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black;"></div> </div>								
EXAMINER <i>Barbara Schuler</i>				DATE CONSIDERED <i>11/7/05</i>				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

SEC.316REC

Application Number

09/667,643

Applicant(s)

Kwe n, Y ung-Chan

10/613 064

Filing Date

09/22/2000 7/7/03

Group Art Unit

2813

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	A	5,177,577	01/05/93	Taniguchi et al.			
<i>JS</i>	B	5,359,206	10/25/94	Yamamoto et al.			
<i>JS</i>	C	5,075,244	12/24/91	Sakai et al.			
<i>JS</i>	D	5,187,604	02/16/93	Taniguchi et al.			
<i>JS</i>	E	5,555,112	09/10/96	Oritsuki et al.			
<i>JS</i>	F	5,668,379	09/16/97	Ono et al.			
<i>JS</i>	G	454,112	10/1985	Holmberg et al.			
<i>JS</i>	H	4,651,185	03/1987	Holmberg et al.			
<i>JS</i>	I	5,851,918	12/1998	Song et al.			
<i>JS</i>	J	5,811,318	09/1998	Kweon			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<i>JS</i>	K	0 544 069 A1	06/1993	European Patent Office			✓	
<i>JS</i>	L	05-152573	06/18/1993	Japan				✓
<i>JS</i>	M	06-188419	07/1994	Japan				✓
<i>JS</i>	N	05,292,434	11/1993	Japan				✓
<i>JS</i>	O	05,267,670	11/1993	Japan				✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Wanna Schuler

DATE CONSIDERED

11/27/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)

SEC.316REC

Application Number

NEW

Applicant(s)

Young-chan KWEON

10/613 064

Filing Date

7 July 2003

Group Art Unit

TBA 2813

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	P	5,990,986	11/1999	Song et al.			
<i>JS</i>	Q	5,923,963	7/1999	Yamanaka			
<i>JS</i>	R	5,821,622	10/1998	Tsuji et al.			
<i>JS</i>	S	5,781,255	7/1998	Tamamoto et al.			
<i>JS</i>	T	5,693,567	12/1997	Weisfield et al.			
<i>JS</i>	U	5,550,066	8/1996	Tang et al.			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<i>JS</i>	V	7263700	10/13/1995	Japan			✓	
<i>JS</i>	W	6230428	08/19/1994	Japan			✓	
<i>JS</i>	X	6337437	12/06/1994	Japan			✓	
<i>JS</i>	Y	3274029	12/05/1991	Japan			✓	
<i>JS</i>	Z	6138487	05/20/1994	Japan			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JS</i>	AA	Japanese Patent Office, Notice to Submit Response (Summary Translation).

EXAMINER

Naama Schuch

DATE CONSIDERED

11/27/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.